

TABLE A-10

**Companies that required an analyst action, by sampling stratum: 2019**

(Number)

Stratum	Total	Companies deleted <sup>a</sup>	Companies requiring action due to merger or acquisition <sup>b</sup>	Companies requiring action due to analyst review <sup>c</sup>
Total	3,100	3,000	100	<i>N</i> < 15
Known positive R&D	900	800	60	<i>N</i> < 15
Certainties	650	600	50	<i>N</i> < 15
Noncertainties	250	250	<i>N</i> < 15	<i>N</i> < 15
Known zero R&D	100	100	<i>N</i> < 15	0
Certainties	60	60	<i>N</i> < 15	0
Noncertainties	40	40	<i>N</i> < 15	0
Unknown R&D	2,100	2,000	50	<i>N</i> < 15
Certainties	500	450	20	<i>N</i> < 15
Noncertainties	1,600	1,600	30	<i>N</i> < 15
Cases not in the frame	30	20	<i>N</i> < 15	<i>N</i> < 15

<sup>a</sup> Companies are deleted when they are found to be out of business or out of scope for the survey during the reporting period.

<sup>b</sup> Information regarding mergers and acquisitions comes from several sources. The information is collected on the form, and there is a presurvey phone call that requests the information from top R&D-performing companies. Information may also come from the company profiles that are maintained by survey staff.

<sup>c</sup> These companies are added based on a review of historic R&D and reported to the Business Enterprise Research and Development Survey and public information available on the companies' R&D expenses.

**Note(s):**

Beginning in survey year 2019, counts reflect a change in rounding methodology. Detail may not add to total because of rounding. Companies were said to be known to conduct R&D (known positive R&D) if they reported positive R&D in any of the previous 5 survey years. Companies were said to have known zero R&D if they reported zero R&D in at least 1 of the previous 3 survey years and no positive R&D in any of the previous 5 survey years. Companies were said to be unknown if no R&D information was available.

**Source(s):**

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2019.